

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	610	(adc or a/d) and "window function" and (fft or fourier)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/22 16:58
S2	61	(adc or a/d) same "window function" same (fft or fourier)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/06 16:32
S3	320	(adc or a/d) and ("window function" same (fft or fourier))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/06 16:31
S4	207	(adc or a/d) and ("window function" with (fft or fourier))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/06 16:31
S5	3	(window same (fft or fourier)) and (select\$3 with middle with range)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/06 16:34
S6	42	(window same (fft or fourier)) and (middle near3 range)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/07 09:21
S7	122	(window same (fft or fourier)) and (center near3 range)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/03 12:30
S11	645	(adc or a/d) and "window function" and (fft or fourier)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/03 12:31

## EAST Search History

S12	1941	(reproduc\$4 duplicat\$3 copy\$3 copies clone twin split\$4 replica\$6) near3 (signal sequence) and (fft fourier) and ("375"/\$ "381"/\$ "370"/\$).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/22 16:59
S13	19	(reproduc\$4 duplicat\$3 copy\$3 copies clone twin split\$4 replica\$6) near3 (signal sequence) same (fft fourier) same window\$3 and ("375"/\$ "381"/\$ "370"/\$).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/03 15:25
S14	278	(reproduc\$4 duplicat\$3 copy\$3 copies clone twin split\$4 replica\$6) near3 (signal sequence) and ((fft fourier) same window\$3) and add\$3 and ("375"/\$ "381"/\$ "370"/\$).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/03 15:28
S15	89	(reproduc\$4 duplicat\$3 copy\$3 copies split\$4 replica\$6) near3 (signal sequence) same (fft fourier) and add\$3 and ("375"/\$ "381"/\$).ccls. and @ad<="19991223"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/03 15:34
S16	29	(reproduc\$4 duplicat\$3 copy\$3 copie\$1 replica\$6) near3 (signal sequence) near3 add\$3 and (fft or fourier) and ("375"/\$ "381"/\$).ccls. and @ad<="19991223"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/03 15:44
S17	1086	(reproduc\$4 duplicat\$3 copy\$3 copie\$1 replica\$6) near3 (signal sequence) with (add\$4 combin\$4) and ("375"/\$ "381"/\$).ccls. and @ad<="19991223"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/03 15:51
S18	756	(reproduc\$4 duplicat\$3 copy\$3 copie\$1 replica\$6) near3 (signal sequence) with (add\$4 combin\$4) and "375"/\$.ccls. and @ad<="19991223"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/03 15:52
S19	11	(reproduc\$4 duplicat\$3 copy\$3 copie\$1 replica\$6) near3 (signal sequence) with (add\$4 combin\$4) with (segment\$3 window\$3) and "375"/\$.ccls. and @ad<="19991223"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/03 16:09

## EAST Search History

S20	800	((duplicat\$3 copy\$3 copie\$1 replica\$6) near1 signal and "375"/\$.ccls. and @ad<="19991223"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/03 16:27
S21	19	((duplicat\$3 copy\$3 copie\$1 replica\$6) near1 signal) with (window\$3 segment\$4) and "375"/\$.ccls. and @ad<="19991223"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/03 16:38
S22	1	((duplicat\$3 copy\$3 copie\$1 replica\$6) near1 signal) with (window\$3 segment\$4) and "381"/\$.ccls. and @ad<="19991223"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/03 16:40
S23	20	((duplicat\$3 copy\$3 copie\$1 replica\$6) near1 signal) with (window\$3 segment\$4) and "370"/\$.ccls. and @ad<="19991223"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/02 15:34
S24	125	((duplicat\$3 copy\$3 copie\$1 replica\$6) near1 signal) with (window\$3 segment\$4) and @ad<="19991223"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/02 17:06
S25	626	(appending with signal) and @ad<="19991223"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/02 15:39
S26	22	(appending with (duplicat\$3 copy\$3 copie\$1 replica\$6) with signal) and @ad<="19991223"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/02 15:39
S27	370	(adc or a/d) and "window function" and (fft or fourier) and @ad<="19991223"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/02 15:54

## EAST Search History

S28	120	(adc or a/d) and "window function" and (fft or fourier) and (mux multiplex\$3 multi\$1plex\$3) and @ad<="19991223"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/02 17:04
S29	48	(adc or a/d) and "window function" and audio and (fft or fourier) and (mux multiplex\$3 multi\$1plex\$3) and @ad<="19991223"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/02 17:05
S30	72	S28 not S29	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/02 16:59
S31	873	(adc or a/d) and window and (fft or fourier) and (mux multiplex\$3 multi\$1plex\$3) and @ad<="19991223"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/02 17:04
S32	397	(adc or a/d) and window and audio and (fft or fourier) and (mux multiplex\$3 multi\$1plex\$3) and @ad<="19991223"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/02 17:05
S33	349	S32 not S28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/02 17:05
S34	286	((duplicat\$3 copy\$3 copie\$1 replica\$6) near1 signal) same (mux multi\$1plex\$3 multiplex\$3) and @ad<="19991223"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/02 17:07
S35	57	((duplicat\$3 copy\$3 copie\$1 replica\$6) near1 signal) same (mux multi\$1plex\$3 multiplex\$3) and audio and @ad<="19991223"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/02 17:07

## EAST Search History

S36	65	((duplicat\$3 copy\$3 copie\$1 replica\$6) near1 signal) same (mux multi\$1plex\$3 multiplex\$3) and (audio speech) and @ad<="19991223"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/02 17:07
S37	504468	(audio speech (noise near1 reduc\$4 near2 system) (multi\$1band near2 (audio speech) near2 noise near2 filter))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/05 16:45
S38	38874	append\$4 with (symbol bit segment window\$3 character copy copies duplicat\$4 replica)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/05 16:46
S39	40	(mux multi\$plexor) with append\$4 with (symbol bit segment sequence window\$3 character copy copies duplicat\$4 replica)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/05 16:20
S40	15	S37 and S39	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/05 16:21
S41	2	"5528579".pn. and (append\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/05 16:33
S42	582	((audio speech) same (noise near1 reduc\$4 near2 system)) ((multi\$1band near2 (audio speech) near2 noise near2 filter))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/05 16:45
S43	38874	append\$4 with (symbol bit segment window\$3 character copy copies duplicat\$4 replica)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/05 16:49

## EAST Search History

S44	5	S42 and S43	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/05 16:47
S45	10430	append\$4 with signal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/05 16:48
S46	10	S42 and S45	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/05 16:48
S47	31672	(appended appending) with (symbol bit segment window\$3 character copy copies duplicat\$4 replica)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/05 16:50
S48	7411	(appended appending) with (signal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/05 16:51
S49	1017	S48 and ("375"/\$ "370"/\$).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/05 16:51
S50	146	(appended appending) with signal with series	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/05 16:53
S51	695	(appended appending) near5 signals	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/05 16:53

## EAST Search History

S52	145	S51 and ("375"/\$ "370"/\$).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/05 16:55
S53	144	(mux multiplex\$3) with (appended appending) with signal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/05 16:55
S54	1214	(mux multi\$1plex\$3) same (copy copies duplicate replica) near4 (signal stream)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 15:01
S56	161	S54 and @rlad<="19991223"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 15:00
S57	122	S55 and S56	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 15:01
S58	650	S55 S56	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 15:01
S59	536	(mux multi\$1plex\$3) with (copy copies duplicate replica) near4 (signal stream)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 15:01
S60	278	S59 and @ad<="19991223"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 15:01

## EAST Search History

S61	83	S60 and ("375"/\$ "370"/\$).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/22 16:56
S62	5776	(375/144 375/148 375/224 375/227 375/285 375/296 375/346 455/67. 11 455/67.13 455/114.2 455/115.1 455/115.2 455/226.1 455/296).ccls. and (@ad<="19991223" @rlad<="19991223")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/22 16:58
S63	17882	(sampl\$4 digitiz\$4 adc or a/d) and (window\$4) and (fft or fourier)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/22 16:59
S64	130	S62 and S63	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/22 17:00
S65	262135	(reproduc\$4 duplicat\$3 copy\$3 copies clone twin split\$4 replica\$6) near3 (signal sequence)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/22 17:48
S66	40	S64 and S65	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/22 17:36
S67	704	S62 and (reproduc\$4 duplicat\$3 copy\$3 copies replica\$6) near3 (signal sequence)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/22 17:48
S68	450	S62 and (duplicat\$3 copy\$3 copies replica\$6) near3 (signal sequence)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/22 17:50



## EAST Search History

S69	145	S62 and (duplicat\$3 copy\$3 copies replica\$6) near3 (signal sequence) and (fft fourier window\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/22 17:50
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